

03-08-02

A

PATENT APPLICATION

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D. C. 20231

20/03/02  
JC984 U.S. PTO

Sir:

Enclosed herewith for filing is the following utility  
patent application:

Applicants: Padmapani C. Nallan, Guangxiang Jin, Ajay Kumar

Title of application: METHOD OF PLASMA ETCHING OF HIGH-K  
DIELECTRIC MATERIALS WITH HIGH  
SELECTIVITY TO UNDERLYING LAYERS

Pages of specification: 14 (including 4 pages of claims and  
1 page of abstract)

Sheets of drawing: 4

Executed on: 3-6-02 Docket No.: 7017/ETCH/CORE

PATENT APPLICATION FILING FEE CALCULATION

No.	Filed	Less	Rate/Claim	Fee
-----	-------	------	------------	-----

Total Claims	34	-20	14 x \$18.00	\$252.00
Independent Claims	4	-3	1 x \$84.00	\$ 84.00

Minimum Filing Fee \$740.00

Multiple Dependency Fee  
(if applicable - \$270.00) \$ \_\_\_\_\_

50% Reduction for Small Entity  
(Independent Inventor, Non-profit  
Corporation, or Small Business  
Concern) - appropriate  
verified statement attached - \$ \_\_\_\_\_

**TOTAL FILING FEE \$1076.00**

Kindly charge the entire and/or any additional filing fee, as  
appropriate, to deposit account number 50-1074. To facilitate  
that charge, a duplicate copy of this letter is enclosed herewith.

10/09/95  
U.S. PTO  
JC984 U.S. PTO  
03/06/96

Please direct all correspondence to:

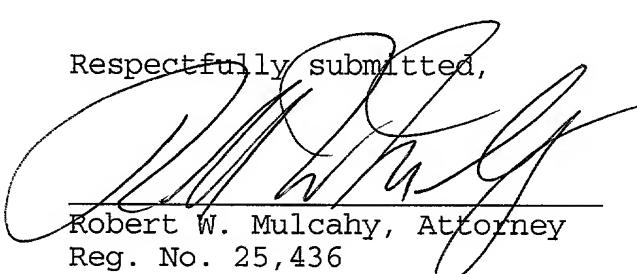
Patent Counsel  
Applied Materials, Inc.  
3050 Bowers Avenue  
P.O. Box 450A  
Santa Clara, CA 95052

Also enclosed herewith for filing in connection with the enclosed application are:

- Oath;  
 Declaration and Power of Attorney;  
 Disclosure Statement;  
 Letter referencing previously filed disclosure document; number \_\_\_\_\_ filed \_\_\_\_\_;  
 Verified Statement claiming small entity status;  
 An assignment of the application to  
Applied Materials, Inc.;  
 Claim(s) to priority:

<u>Serial Number</u>	<u>Filing date</u>
A certified copy of a _____ patent application or inventor's certificate, filed _____ and serial no. _____, upon which a claim to priority is made;	
Other: _____	

Respectfully submitted,

  
Robert W. Mulcahy, Attorney  
Reg. No. 25,436

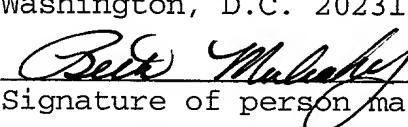
\*\*\*EXPRESS MAIL CERTIFICATION\*\*\*

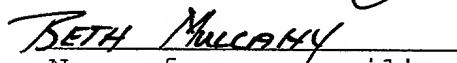
"Express Mail" mailing label number:

EL865963314US

Date of deposit: 3-6-02

I hereby certify that this patent application and related papers is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

  
Signature of person mailing paper or fee

  
Name of person mailing paper or fee